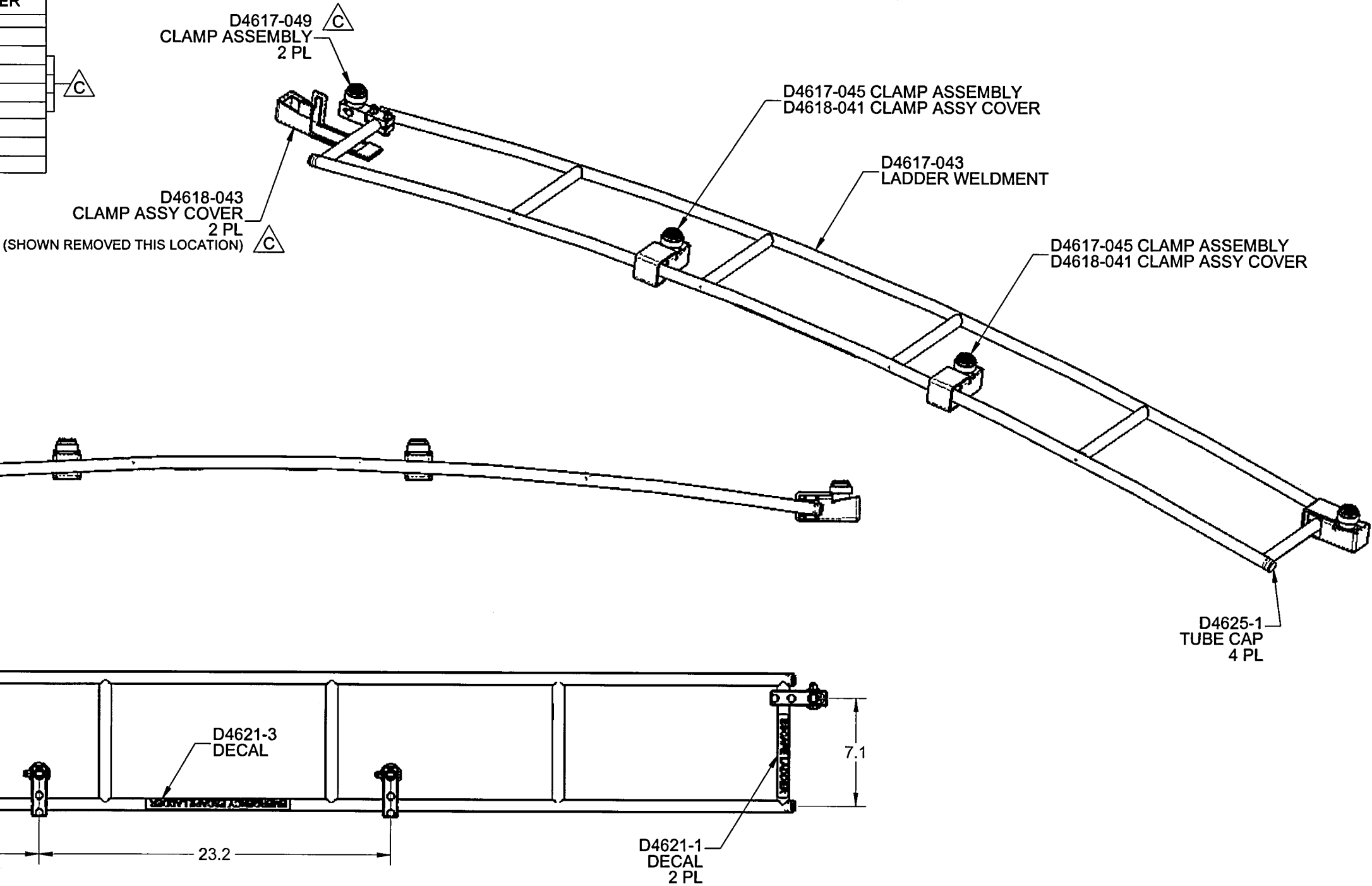


ITEM	-041 QTY	P/N	DESCRIPTION
	X	D4617-041	EMERGENCY ESCAPE LADDER
1	1	D4617-043	LADDER WELDMENT
2	2	D4617-045	CLAMP ASSY
3	2	D4617-049	CLAMP ASSY
4	2	D4618-041	CLAMP ASSY COVER
5	2	D4618-043	CLAMP ASSY COVER
6	2	D4621-1	DECAL
7	1	D4621-3	DECAL
8	4	D4625-1	TUBE CAP



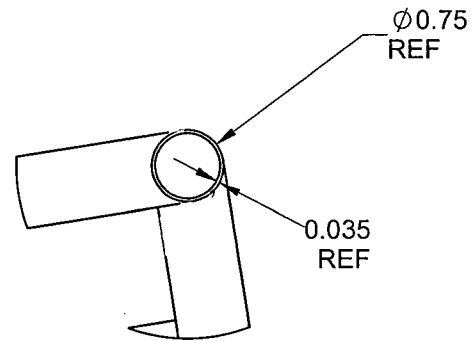
**D4617-041 EMERGENCY ESCAPE LADDER**  
(CLAMP ASSY COVERS REMOVED FOR CLARITY)

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4617-041" AND BATCH NUMBER PER QSI 044 6.6
  - 7) WEIGHT: 6.44 lbs

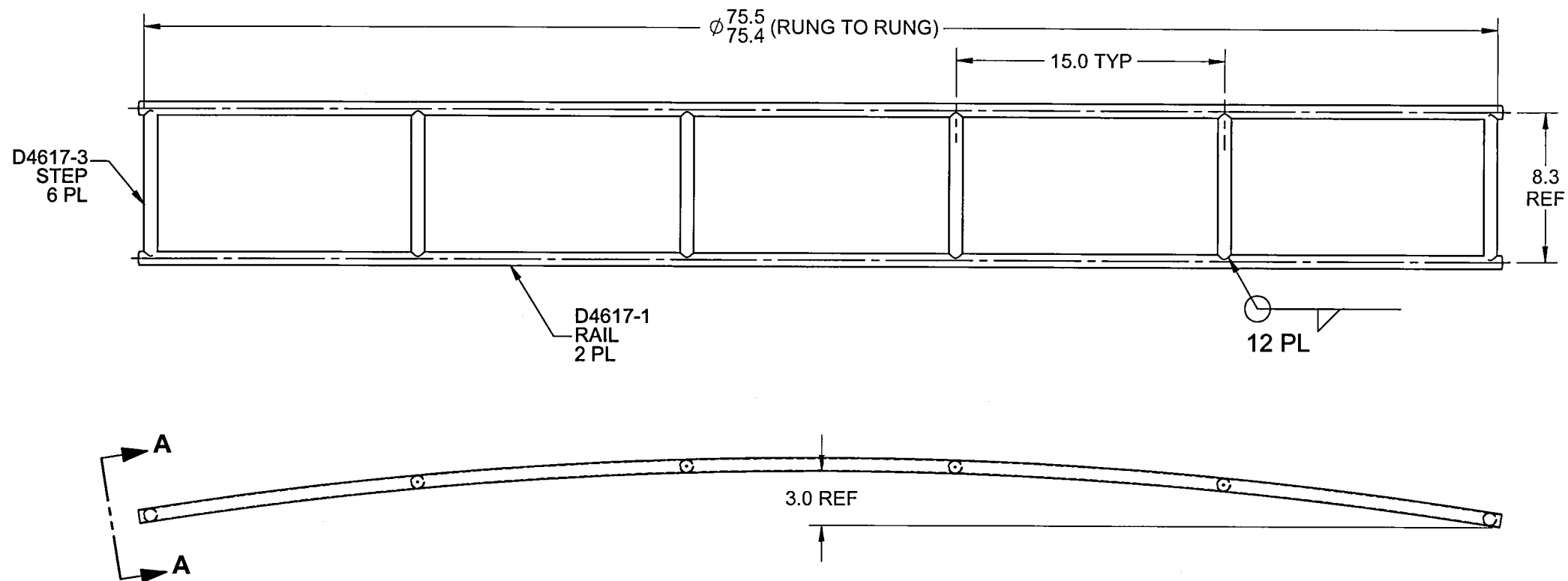
RELEASED  
2016-10-18  
ECN 10-630

APPROVED

C	ADD D4617-049/-9 AND D4618-043; QTY(2) D4617-045 AND D4618-041 WERE QTY(4); ADD 0.06 X 45° CHAMFER TO D4617-5/-7. REASON: PAR16-542.	MB	16.08.25
B	75.4-75.5 WAS 75.7 (C4-2) WASHER WAS NAS1149C0463R, QTY 3 ON SHT 4.	RP	12.05.01
A	NEW ISSUE	RP	12.04.02
REV.	DESCRIPTION	BY	DATE
DESIGN	RP	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	MB		
CHECKED	AJS	DRAWING NO.	REV. C
MFG. APPR.	JLM	<b>D4617</b>	SHEET 1 OF 7
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	<b>EMERGENCY ESCAPE LADDER</b>	NTS
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**VIEW A-A**  
4 PL



**D4617-043 LADDER WELDMENT**

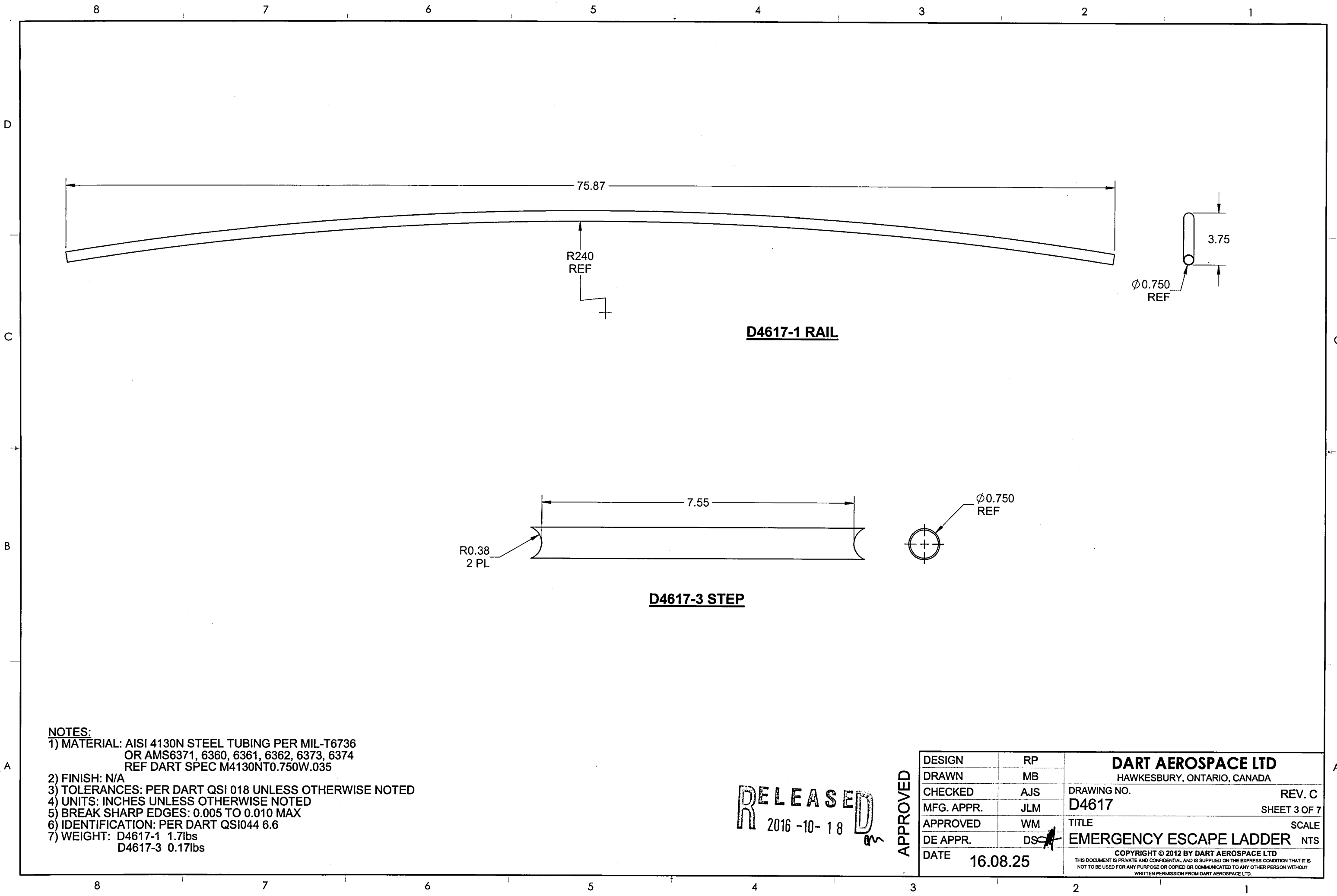
**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER DART QSI044 6.6
- 7) WEIGHT: 4.5 lbs
- 8) WELDING: PER DART QSI 004

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2016-10-18

**APPROVED**

DESIGN	RP	<b>DART AEROSPACE LTD</b>	
DRAWN	MB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AJS	DRAWING NO.	REV. C
MFG. APPR.	JLM	<b>D4617</b>	SHEET 2 OF 7
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	<b>EMERGENCY ESCAPE LADDER</b>	NTS
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NOTES:

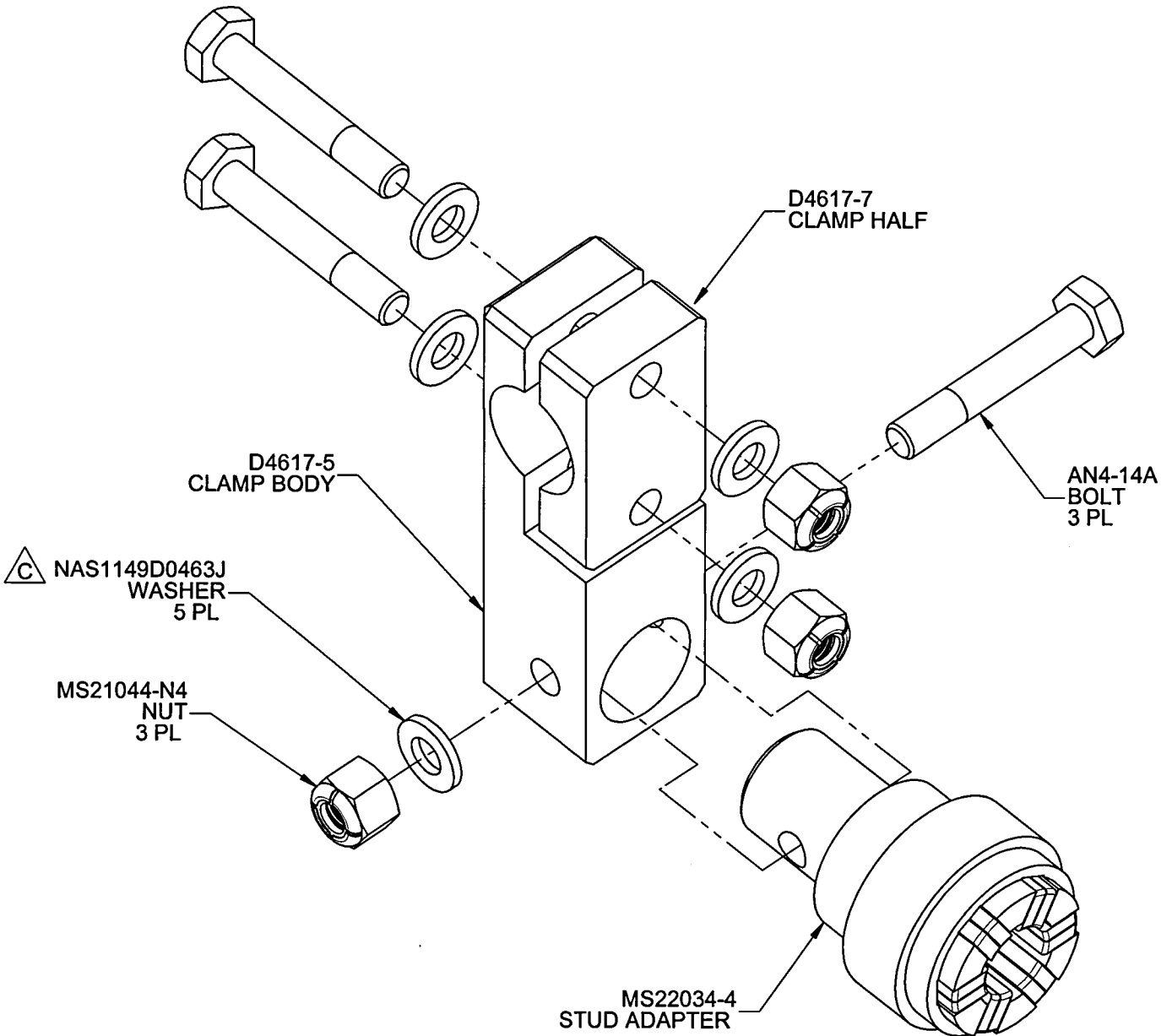
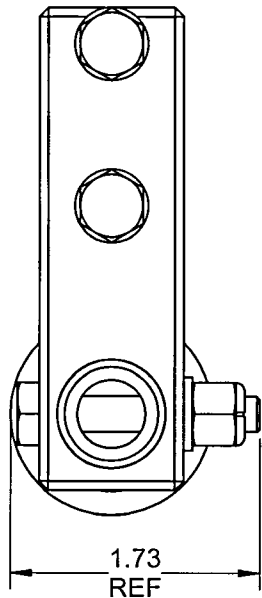
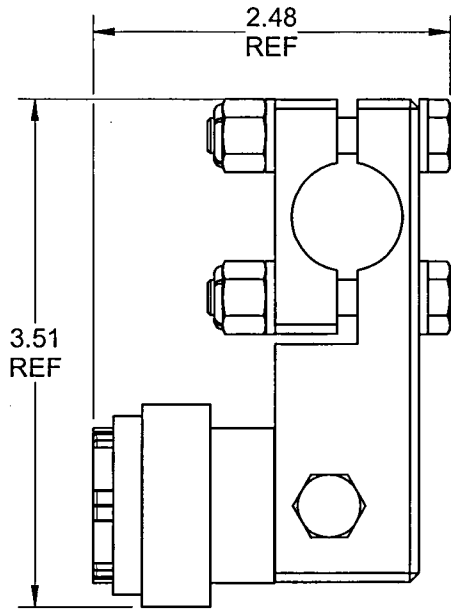
- 1) MATERIAL: AISI 4130N STEEL TUBING PER MIL-T6736  
OR AMS6371, 6360, 6361, 6362, 6373, 6374  
REF DART SPEC M4130NT0.750W.035
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI044 6.6
- 7) WEIGHT: D4617-1 1.7lbs  
D4617-3 0.17lbs

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2016-10-18

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DESIGN	RP	DART AEROSPACE LTD	
DRAWN	MB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AJS	DRAWING NO.	REV. C
MFG. APPR.	JLM	D4617	SHEET 3 OF 7
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	EMERGENCY ESCAPE LADDER	NTS
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ITEM	QTY -045	P/N	DESCRIPTION
	X	D4617-045	CLAMP ASSEMBLY
1	1	D4617-5	CLAMP BODY
2	1	D4617-7	CLAMP HALF
3	3	AN4-14A	BOLT
4	3	MS21044-N4	NUT
5	1	MS22034-4	STUD ADAPTER
6	5	NAS1149D0463J	WASHER



D4617-045 CLAMP ASSY

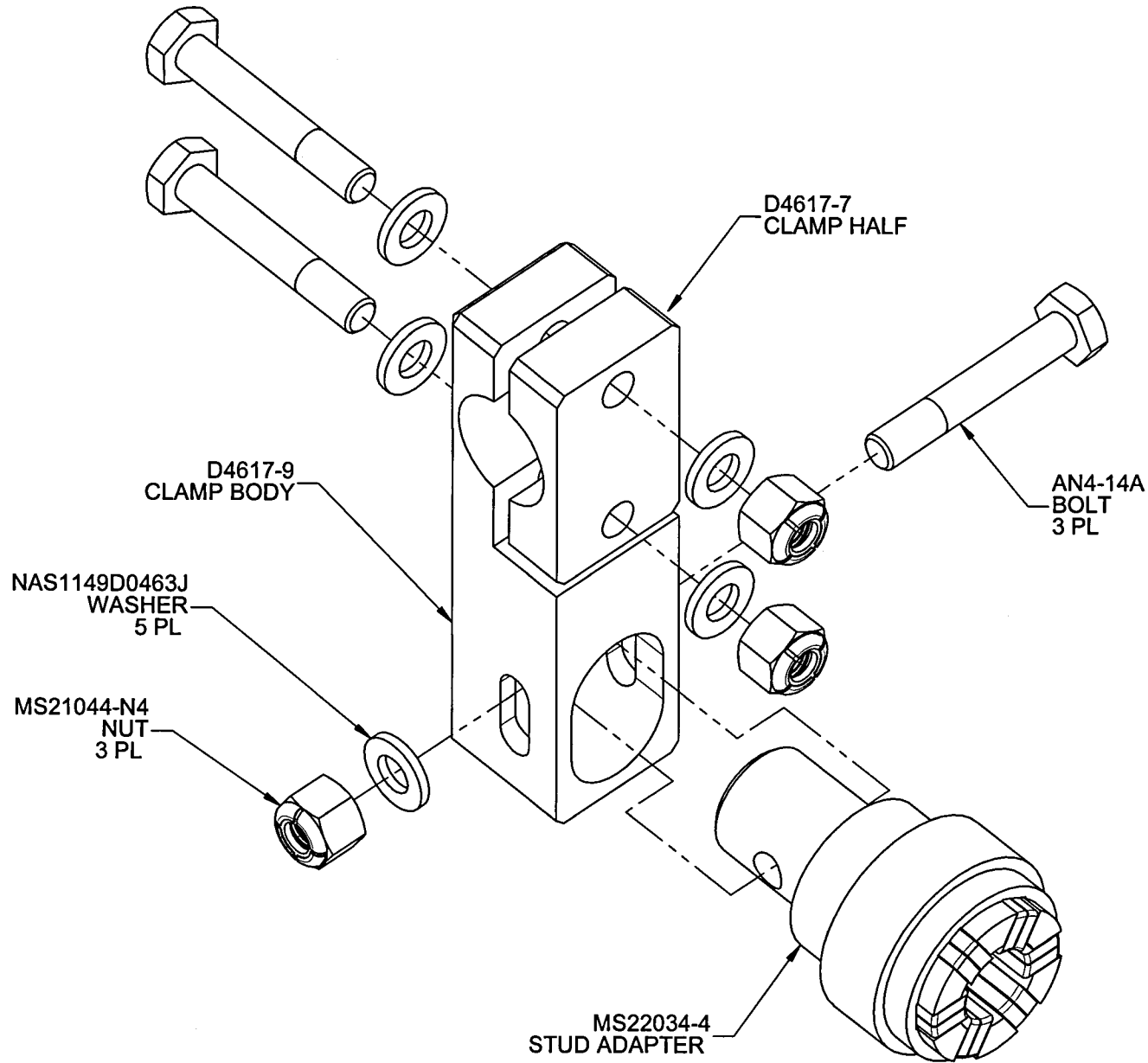
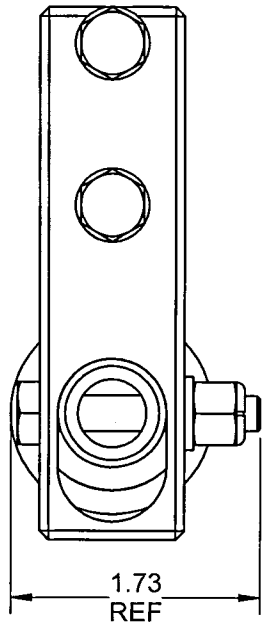
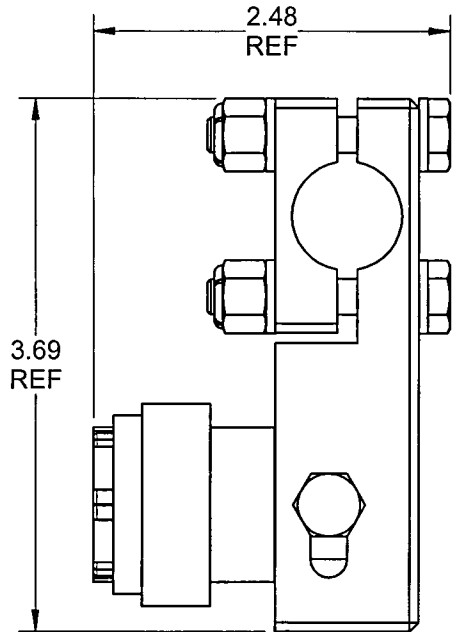
NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: PER DART QSI044 6.6  
7) WEIGHT: 0.5 lbs

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2016-10-18

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DESIGN	RP	DART AEROSPACE LTD	
DRAWN	MB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AJS	DRAWING NO.	REV. C
MFG. APPR.	JLM	D4617	SHEET 4 OF 7
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	EMERGENCY ESCAPE LADDER	NTS
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ITEM	-049 QTY	P/N	DESCRIPTION
	X	D4617-049	CLAMP ASSEMBLY
1	1	D4617-7	CLAMP HALF
2	1	D4617-9	CLAMP BODY
3	3	AN4-14A	BOLT
4	3	MS21044-N4	NUT
5	1	MS22034-4	STUD ADAPTER
6	5	NAS1149D0463J	WASHER



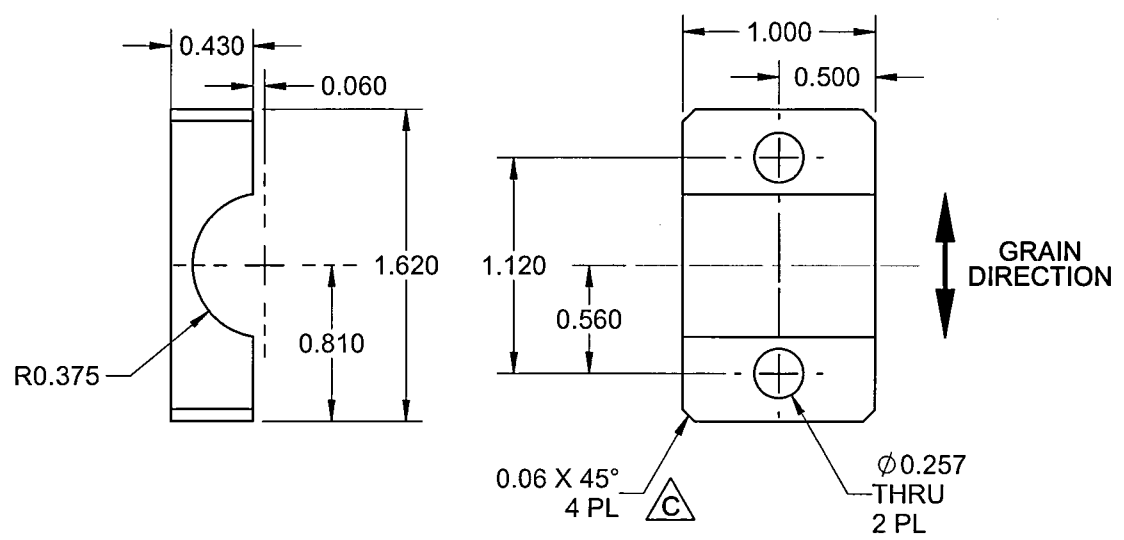
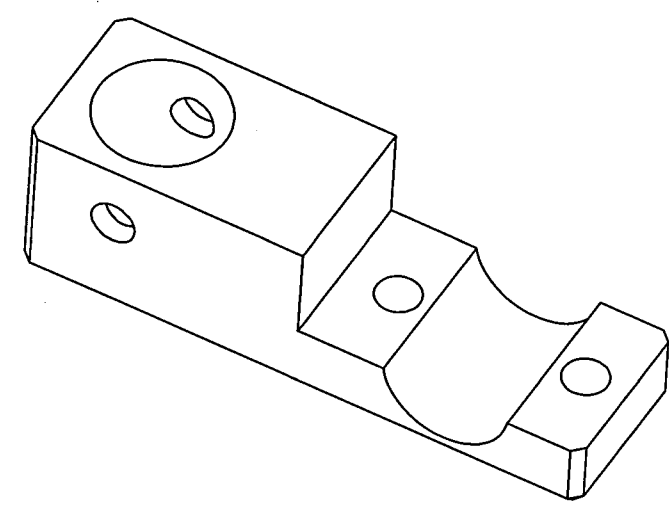
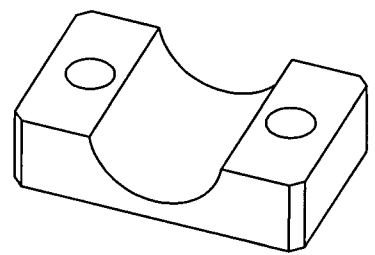
**D4617-049 CLAMP ASSY**

NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: PER DART QSI044 6.6  
7) WEIGHT: 0.5 lbs

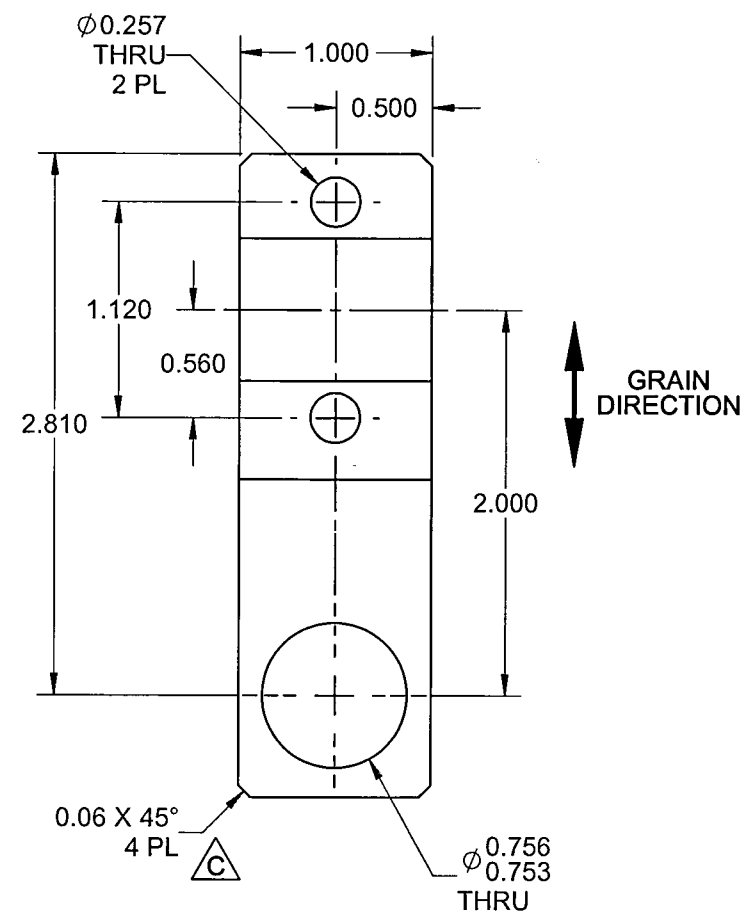
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2016-10-18

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DESIGN	RP	<b>DART AEROSPACE LTD</b>	
DRAWN	MB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AJS	DRAWING NO.	REV. C
MFG. APPR.	JLM	<b>D4617</b>	SHEET 5 OF 7
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	<b>EMERGENCY ESCAPE LADDER</b>	NTS
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**D4617-7 CLAMP HALF**



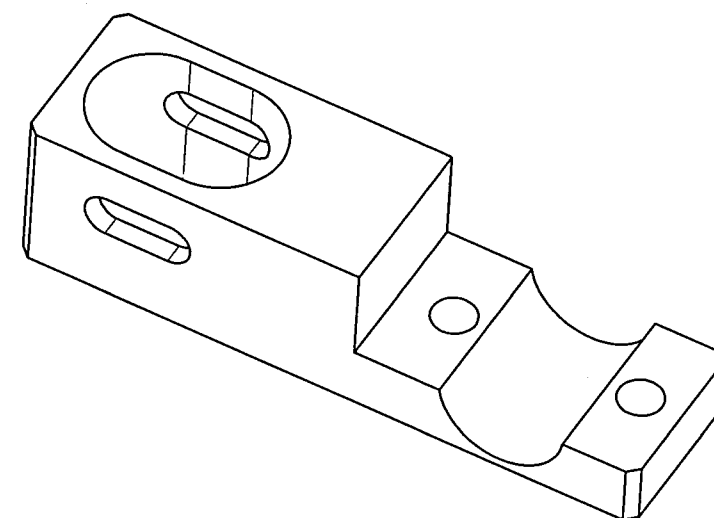
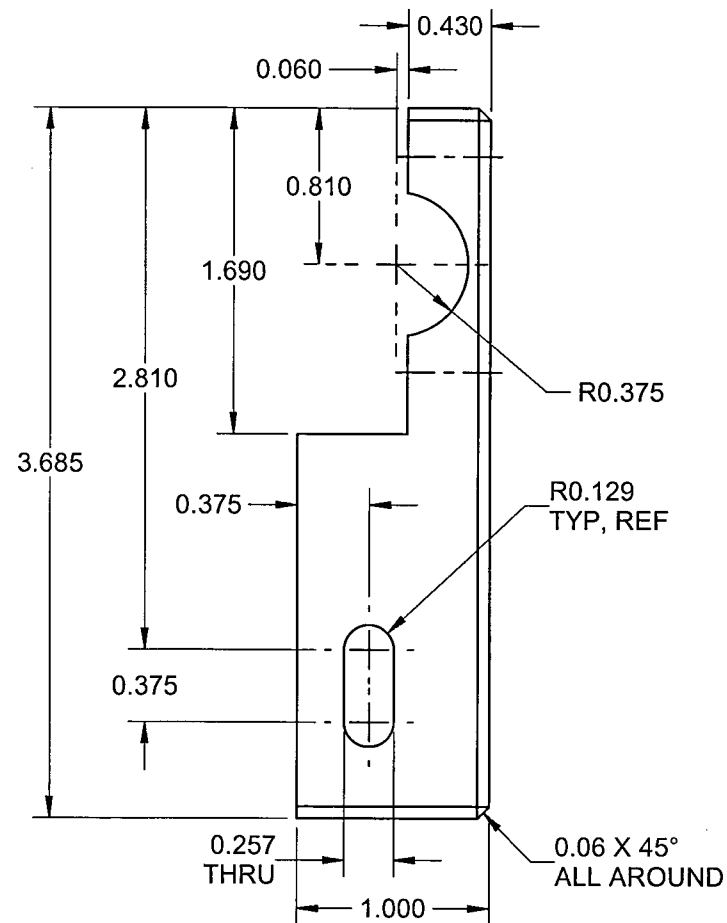
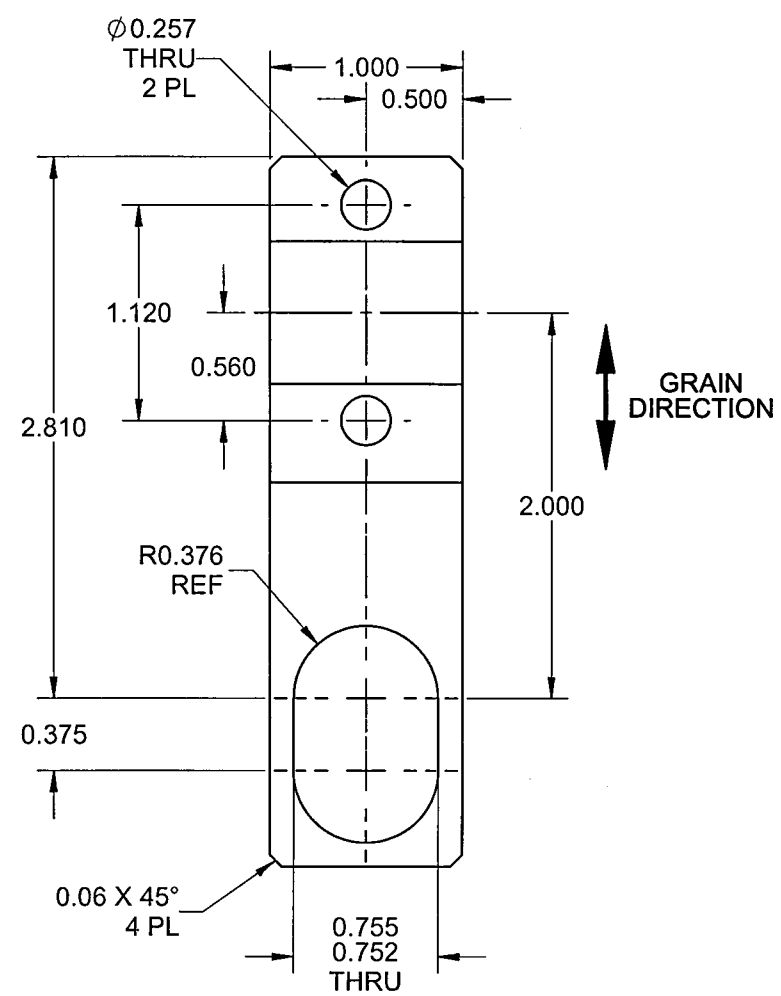
**D4617-5 CLAMP BODY**

- NOTES:**
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR  
AMS 4117/4128/4115/4116 OR QQ-A-200/8  
OR ASTM B211 OR ASTM B221  
REF DART SPEC M6061T6B
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
  - 7) WEIGHT: D4617-5 0.16 lbs  
D4617-7 0.05 lbs
  - 8) POSSIBLE SUPPLIER: D4617-5: EAGLE P/N 212-110-06  
D4617-7: EAGLE P/N 212-110-07

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2016-10-18

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DESIGN	RP	<b>DART AEROSPACE LTD</b>	
DRAWN	MB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AJS	DRAWING NO.	REV. C
MFG. APPR.	JLM	<b>D4617</b>	SHEET 6 OF 7
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	<b>EMERGENCY ESCAPE LADDER</b>	NTS
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**D4617-9 CLAMP BODY**

**NOTES:**

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR  
AMS 4117/4128/4115/4116 OR QQ-A-200/8  
OR ASTM B211 OR ASTM B221  
REF DART SPEC M6061T6B
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.16 lbs

**RELEASED**  
2016-10-18

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DESIGN	RP	<b>DART AEROSPACE LTD</b>	
DRAWN	MB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AJS	DRAWING NO.	REV. C
MFG. APPR.	JLM	<b>D4617</b>	SHEET 7 OF 7
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	<b>EMERGENCY ESCAPE LADDER</b>	NTS
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